

BACKEND DEVELOPER



DURATION: 6 MONTHS

HTML/CSS

- Introduction to Web Design, HTML Basics
- Cascading Style Sheet
- CSS Framework

JAVA SCRIPT

- Introduction to JavaScript
- Java Script Language Basics
- JavaScript Objects
- JavaScript Scope
- JavaScript Events
- JavaScript Strings
- JavaScript Numbers
- JavaScript Math
- JavaScript Arrays
- JavaScript Boolean
- JavaScript Comparisons
- JavaScript Conditions
- JavaScript Switch
- JavaScript Loops
- JavaScript Type Conversion
- JavaScript RegExp
- JavaScript Errors
- JavaScript Debugging
- JavaScript Hoisting
- JavaScript Strict Mode
- JavaScript Functions
- JavaScript Objects
- JavaScript Forms
- JavaScript HTML DOM
- JavaScript BOM

J Query

- Introduction to JQuery
- JQuery syntax
- JQuery selector
- JQuery events
- JQuery effects
- JQuery HTML
- JQuery Traversing

- **Jquery AJAX & Misc.**

Bootstrap

- **Responsive Web Design**
- **Bootstrap Grid**
- **Typography**
- **Tables**
- **Images**
- **Jumbotron**
- **Buttons**
- **Glyphicons**
- **Badges/ labels**
- **Pagination**
- **List**
- **Navbar**
- **Dropdown**
- **Forms**
- **CSS Reference**
- **JS Reference**

My SQL

- **Introduction to RDBMS**
- **What is Relational Database Package**
- **Difference between SQL & Database**
- **Installing MySQL Server database**
- **SQL Basic**
- **DDL: Create, Alter, Drop, etc.**
- **DML: Insert, Update, Delete, etc.**
- **DQL: Select**
- **Autoincrement field**
- **SQL Comments**
- **SQL Aliases**
- **Savepoint & rollback**
- **SQL Constraints**
- **Not NULL, Unique key Primary key, Check Default, Foreign key**
- **SQL Operators Arithmetic operators**
- **Logical operators' Conditional operators**
- **Like, between, in operators**
- **SQL Clauses Order by, Where Limit/top, Group by, having**
- **SQL Joins - Inner Join, Left Join, Right Join, Full Join**
- **SQL View - creating view, updating view, fetching data from view**
- **String functions**
- **Aggregate functions**
- **Date & time functions**
- **Stored Procedures & Functions**

- Understanding stored procedures and their key benefits
- Working with stored procedures
- Studying user-defined functions
- Working with CSV Files:
- How to write result to csv file
- How to read csv file
- Python Database Connectivity
- Database Drivers and connectors
- Creating connection object
- Understanding cursor object
- Executing SQL statements using cursor
- Executing SQL statements using cursor
- Storing and retrieving Date and Time

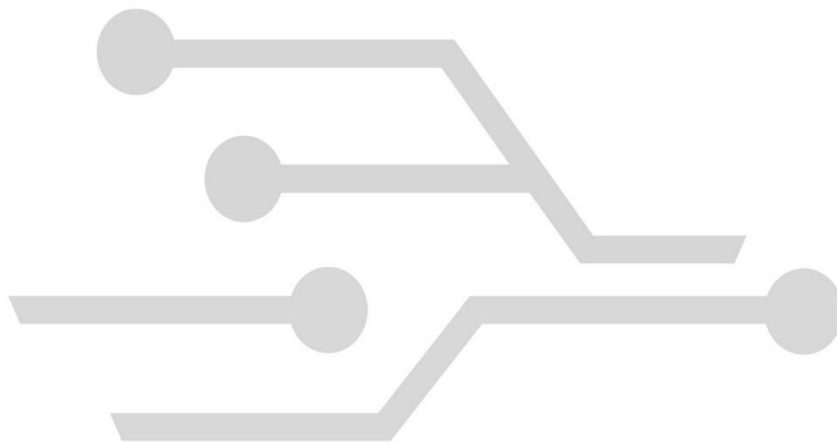
MongoDB

- Introduction To MongoDB
- Understanding NoSQL DB
- NoSQL vs. SQL DB
- NoSQL vs. SQL DB
- Downloading & Installation
- Introduction of MongoDB shell and Compass
- Understanding database, collection & document
- Crud Operations
- Crud Operations
- Delete Document
- Update Document
- Query Document
- Operators In MongoDB
- Query and Projection operators
- Update operator
- Aggregation Pipeline operators
- Methods In MongoDB
- limit and sort
- bulk methods
- other methods
- Indexing And Relationships
- Types of Indexes
- Creating an Indexes
- Dropping an Indexes
- Defining Relationships between Documents
- Python Connectivity With MongoDB
- Introduction to pymongo
- Installing pymongo module
- MongoClient
- Getting database and collection

- **CRUD operations**
- **Range Queries**

Node JS

- **Introduction to Node JS**
- **Modules in JS**
- **Event & stream**
- **Working with process and File system**
- **HTTP**



Partners :



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